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ABSTRACT

A connector assembly for detachably coupling a proximal end of a lead and an implantable medical device. The connector assembly includes a deflectable connector clip having a first arm, a second arm and a top portion extending between the first arm and the second arm. The first arm and the second arm detachably position the proximal end of the lead within the implantable medical device. A housing portion has a first deflection portion that deflects the connector clip from a first position corresponding to a first distance between the first arm and the second arm, to a second position corresponding to a second distance between the first arm and the second arm. Subsequent advancement of the lead through the first and second arms further deflects the connector clip from the second position to a third position, which transfers all of the spring force of the connector clip to the lead.